

C. Buffer layer comprises:

- C-1. MgO
- C-2. YSZ
- C-3. CeO<sub>2</sub>
- C-4. SiO<sub>2</sub>
- C-5. one specific combination of MgO, YSZ, CeO<sub>2</sub>, or SiO<sub>2</sub>
- C-6. no buffer layer

Applicants elect the following species:

- A-1. Stabilized barium titanate comprising Zr(BaZrO<sub>3</sub>);
- B-1. Optical structure with a buffer layer; and
- C-1. Buffer layer comprising MgO.

The claims readable on the elected species are claims 1, 2, 6, 7, 8, 9, 10, 14, 15, and 16. Claims 1 and 9 are generic.

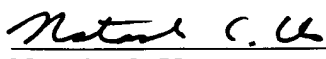
Applicants respectfully request that the application now proceed promptly to examination. Applicants believe that no additional fees are necessitated by the present Response. However, in the event that any additional fees are due, the Commissioner is hereby authorized to charge any such fees to Deposit Account No. 07-1700.

If the Examiner believes that a telephone conversation with Applicants' attorney would expedite allowance of this application, the Examiner is cordially invited to call the undersigned attorney at (617) 570-1806.

Respectfully submitted,

Date: *April 14, 2005*  
Reg. No. 44,381

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